

12V50Ah @ 10HR

Rekoser AGM Battery for General Purpose

AGM Battery. Rekoser stationary series, general use, has been specially designed to optimize its life and quality, minimizing maintenance and maximizing self discharge of their properties for longer storage. RKE series is ideal for security and alarm systems, UPS systems, emergency light systems and other small backup applications.

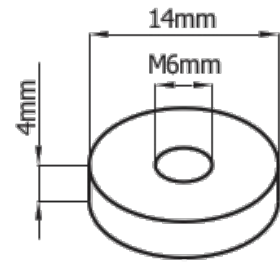


Complied standards

- IEC 60896-21/22
- JIS C8704
- GB/T19639

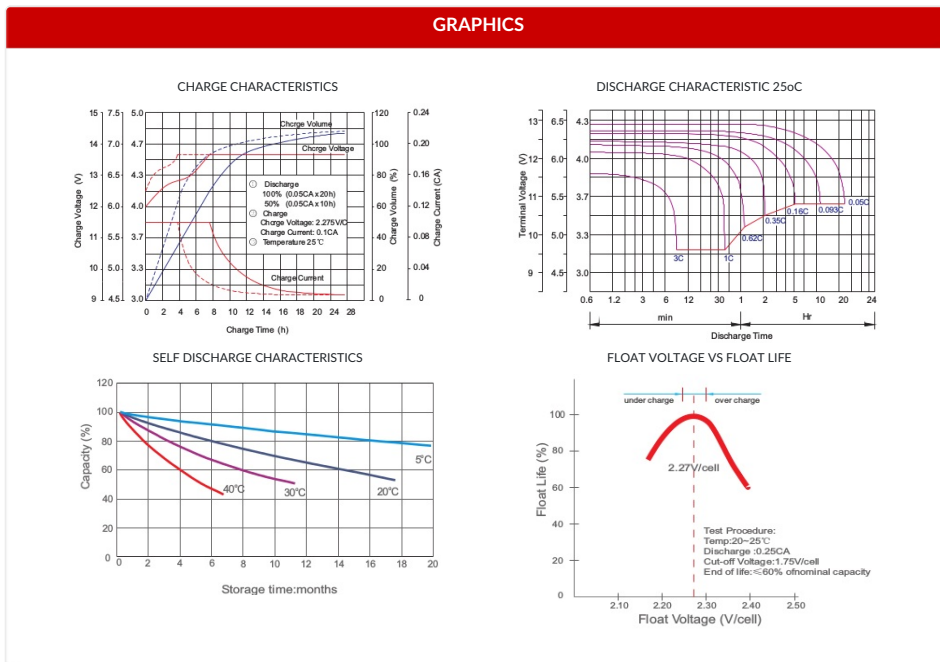


TERMINAL F11



SPECIFICATIONS				
Nominal Voltage	12V			
Capacity (25°C)	50Ah @ 10HR	52.4Ah @ 20HR		
Internal Resistance	Fully Charged 25 m Ω			
Self Discharge	3% of capacity declined per month at 20°C			
Cell number	6 cells			
Capacity Affected by Temperature	102% (40°C)	100% (25°C)	85% (0°C)	65% (-15°C)
Charge Voltage (25°C)	Cycle - 14.6-14.8V (-30mV/C), max. Current 2.1A		Float - 13.6-13.8V (-20mV/C)	
Max. Charge Current	15A			
Max. Discharge Current	500A			

DIMENSIONS AND WEIGHT	
Dimensions (mm)	229x138x208(212)
Weight (kgs)	20.5



CONSTRUCTION	
Component	Raw Material
Positive	Lead dioxide
Negative	Lead
Container	ABS (Flame Retardant Optional)
Cover	ABS (Flame Retardant Optional)
Sealant	Epoxy Resin
Safety Valve	Rubber
Terminal	Copper
Separator	Fibre Glass
Electrolyte	Sulphuric acid

CONSTANT DISCHARGE RATINGS (A, W) AT 25°C

F.V / Time	5MIN		10MIN		15MIN		30MIN		1HR		3HR		5HR		10HR		20HR	
11.10 V	78.6A	148W	70.5A	134W	64.2A	123W	45.1A	86.8W	29.1A	56.5W	12.9A	25.4W	8.66A	17.1W	4.87A	9.73W	2.56A	5.15W
10.80 V	91.8A	170W	78.3A	147W	70.5A	133W	47.8A	91.1W	30.5A	58.5W	13.4A	26.0W	8.87A	17.4W	5.0A	9.93W	2.62A	5.24W
10.50 V	104A	190W	86.1A	160W	75.5A	142W	50.0A	94.4W	31.5A	59.9W	13.6A	26.3W	9.09A	17.6W	5.1A	10.0W	2.68A	5.3W
10.20 V	119A	216W	92.7A	170W	81.4A	151W	51.8A	97.0W	32.1A	60.7W	13.8A	26.5W	9.21A	17.7W	5.17A	10.1W	2.73A	5.37W
10.02 V	134A	239W	102A	185W	86.1A	158W	53.8A	100W	32.9A	61.7W	14.0A	26.6W	9.28A	17.8W	5.24A	10.2W	2.79A	5.45W
9.60 V	150A	264W	111A	199W	91.4A	167W	56.3A	104W	33.8A	63.0W	14.2A	26.7W	9.41A	17.9W	5.3A	10.3W	2.86A	5.54W